

Title (en)

Method for operating and programming switches, in particular light switches

Title (de)

Verfahren zum Bedienen und Programmieren von Schaltern, insbesondere von Lichtschaltern

Title (fr)

Procédé de commande et de programmation de commutateurs, en particulier d'interrupteurs de lumière

Publication

EP 1973208 A3 20081119 (DE)

Application

EP 08102675 A 20080317

Priority

- DE 102007012883 A 20070317
- DE 102007034011 A 20070720

Abstract (en)

[origin: EP1973208A2] The method involves freely defining characteristics as well as effects of a switching impulse and/or continuous switching signal by an operator of a light switch (1) in a process step. The operator is entered into a programming mode and the switching impulse, and the continuous switching signal is defined in the programming mode. The defined switching impulses and/or continuous switching signals are assigned to individual loads.

IPC 8 full level

H02B 15/00 (2006.01); **H01H 23/14** (2006.01)

CPC (source: EP)

H01H 23/28 (2013.01); **H01H 2219/012** (2013.01); **H01H 2239/074** (2013.01); **H01H 2300/03** (2013.01); **H01H 2300/04** (2013.01); **Y02B 90/20** (2013.01); **Y04S 20/14** (2013.01)

Citation (search report)

- [X] DE 10001253 A1 20010719 - BOSCH GMBH ROBERT [DE]
- [A] US 2006250745 A1 20061109 - BUTLER ALAN [US], et al
- [X] DE 4106033 A1 19920903 - WAREMA RENKHOFF GMBH & CO KG [DE]
- [X] US 2001043189 A1 20011122 - BRISEBOIS MICHEL A [CA], et al
- [A] DE 10021895 A1 20010201 - IMMERSION CORP [US]
- [X] EP 1560102 A2 20050803 - VOLKSWAGEN AG [DE]
- [XA] EP 1640902 A1 20060329 - ALPINE ELECTRONICS INC [JP]
- [A] EP 0896264 A1 19990210 - ABB PATENT GMBH [DE]
- [A] DE 9112055 U1 19920102
- [A] EP 0009249 A1 19800402 - EURO HAUSGERAETE GMBH [DE]
- [A] DE 29909153 U1 20001123 - ANGELO CARMELO D [DE]
- [AD] DE 4423839 A1 19960125 - ABB PATENT GMBH [DE]
- [AD] DE 102004035321 A1 20060216 - MERTEN GMBH & CO KG [DE]

Cited by

EP2657949A1; EP2184753A1; CN103228736A; EP2942677A1; WO2022233793A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1973208 A2 20080924; EP 1973208 A3 20081119; EP 1973208 B1 20110511; AT E509405 T1 20110515; DE 102008014662 A1 20081218; DK 1973208 T3 20110627

DOCDB simple family (application)

EP 08102675 A 20080317; AT 08102675 T 20080317; DE 102008014662 A 20080317; DK 08102675 T 20080317